PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5 : C12Q 1/68, C12N 15/00

A1

(11) International Publication Number: WO 90/01560

(43) International Publication Date: 22 February 1990 (22.02.90)

(21) International Application Number: PCT/GB89/00850

(22) International Filing Date: 31 July 1989 (31.07.89)

(30) Priority data:
8818066.6 29 July 1988 (29.07.88) GB

(71)(72) Applicants and Inventors: EVANS, David, John [GB/GB]; 19 The Cross, Long Wittenham, Abingdon, Oxfordshire OX1 4QQ (GB). LAMB, Francis, Ian [GB/GB]; 44 Devonshire Road, Edmonton, London N9 8NE (GB).

(74) Agents: SILVESTON, Judith et al.; Abel & Imray, Northumberland House, 303-306 High Holborn, London WC1V 7LH (GB).

(81) Designated States: AT (European patent), AU, BE (European patent), CH (European patent), DE (European patent), FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent), US.

Published
With international search report.

(54) Title: BACTERIAL DNA PROBE

5'-GAGTTGACGTCGTCCCCGCCTTCGTC-3' (I)

5'-GAGGAAGGTGGGGATGACGTCAAGTCATCATG-3' (II)

5'-GTGGACTACTAGGGTATCTAATCCT-3' (III)

5'-ATTCCCCACTGCTGCCTCCCGTAGGAGT-3' (IV)

5'-TTACTCACCCGTTCGCCGCT-3' (V)

(57) Abstract

An oligonucleotide of formulae (I), (II), (III), (IV) or (V) or a sub-sequence thereof, is a DNA probe specific for the detection of bacteria.